

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 01057383
PUBLICATION DATE : 03-03-89

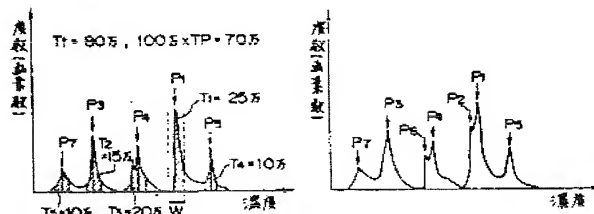
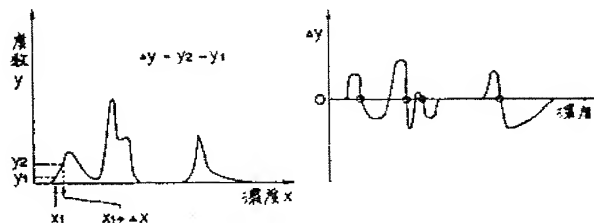
APPLICATION DATE : 28-08-87
APPLICATION NUMBER : 62213099

APPLICANT : RICOH CO LTD;

INVENTOR : WATANABE HIDEYUKI;

INT.CL. : G06F 15/70

TITLE : METHOD FOR DISCRIMINATING
MULTICOLOR IMAGE FROM
FULL-COLOR IMAGE



ABSTRACT : PURPOSE: To accurately discriminate a multicolor image or a full-color image and to shorten time consumed for image processing by discriminating the attribute of an image on the basis of a density histogram.

CONSTITUTION: Respective peaks P are found out from the density histogram of an objective image and n peaks $P_1 \sim P_n$ are selected in the order of high degree and the number T_1 of image elements included within the width W around the peak P_1 having the highest degree is found out. Then, the numbers $T_2 \sim T_k$ of image elements included within the widths around respective peaks $P_2 \sim P_k$ are similarly found out about peaks $P_2 \sim P_k$ ($k < n$). When the sum $T_t = T_1 + T_2 + \dots + T_k$ of the numbers of image elements for respective peaks occupies TP percent of the whole number of image-elements, the image is identified as a multicolor image, and in other cases, the image is identified as a full-color image.

COPYRIGHT: (C)1989,JPO&Japio